824 Application Advice

Functional Group ID=AG

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accomodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgement sent in response to a purchase order).

Notes:

This Standard is the accepted Treasury convention for the Electronic Payment and Collection (EDIPAC) system. The transaction set is used by Treasury to provide notice of the acceptance or rejection of any transaction set created for EDIPAC. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free format.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
6	030	N1	Name	O	1		
N/U	040	N2	Additional Name Information	O	2		
N/U	050	N3	Address Information	O	2		
N/U	060	N4	Geographic Location	O	1		
8	070	REF	Reference Numbers	O	12		
9	080	PER	Administrative Communications Contact	O	3		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - OTI			>1	
11	010	OTI	Original Transaction Identification	M	1		
13	020	REF	Reference Numbers	O	12		c1
14	030	DTM	Date/Time Reference	O	2		
N/U	040	PER	Administrative Communications Contact	O	3		
15	050	AMT	Monetary Amount	O	10		

N/U	060	QTY	Quantity	O	10	
N/U	065	N1	Name	O	1	
			LOOP ID - TED		>1	
16	070	TED	Technical Error Description	O	1	
17	080	NTE	Note/Special Instruction	O	100	
			LOOP ID - LM		>1	
N/U	085	LM	Code Source Information	O	1	n1
N/U	086	LQ	Industry Code	M	100	
18	090	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. Use of the LM loop is limited to the identification of industry unique application error conditions.

Transaction Set Comments

1. REF segments can be used as needed to further identify the original transaction set.

Segment:	**ST** **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1	The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			824 X12.44 Application Advice		
Must Use	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

Segment:	**BGN** Beginning Segment		
Position:	020		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the beginning of a transaction set		
Syntax Notes:	1	If BGN05 is present, then BGN04 is required.	
Semantic Notes:	1	BGN02 is the transaction set reference number.	
	2	BGN03 is the transaction set date.	
	3	BGN04 is the transaction set time.	
	4	BGN05 is the transaction set time qualifier.	
	5	BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BGN01	353	**Transaction Set Purpose Code**	M ID 2/2

Code identifying purpose of transaction set

06	Confirmation
44	Rejection

	Ref. Des.	Data Element	Name	Attributes
Must Use	BGN02	127	**Reference Number**	M AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes
Must Use	BGN03	373	**Date**	M DT 6/6

Date (YYMMDD)

Use to identify the date this transaction set was generated.

	Ref. Des.	Data Element	Name	Attributes
Must Use	BGN04	337	**Time**	X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

1. Use to identify the time this transaction set was generated.
2. Use of this data element is required.

	Ref. Des.	Data Element	Name	Attributes
N/U	BGN05	623	**Time Code**	O ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	Ref. Des.	Data Element	Name	Attributes
N/U	BGN06	127	**Reference Number**	O AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Must Use BGN07 640 Transaction Type Code   **O ID 2/2**

Code specifying the type of transaction

Use of this data element is required.

BB	Billback
	BB or Billback refers to an 812
CA	Cash
	CA or Cash refers to an 820
DI	Debit Invoice
	DI or Debit refers to an 810

N/U BGN08 306 Action Code   **O ID 1/2**

Code indicating type of action

Segment:	**N1** Name		
Position:	030		
Loop:	N1		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
	2	N105 and N106 further define the type of entity in N101.	
Notes:	*The N1 loop must be used twice to identify both the originator and receiver of the transaction set.*		
	When N101 is either II, PR, or IU the information in the PER segment will contain Treasury point of contact data.		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	N101	98	**Entity Identifier Code**		M	ID 2/2

Code identifying an organizational entity, a physical location, or an individual

1. If BGN07 = DI use II and BT
2. If BGN07 = CA use PR and PE
3. If BGN07 = BB use IU and RC

BT	Bill-to-Party
II	Issuer of Invoice
IU	Issuer
PE	Payee
PR	Payer
RC	Receiving Location

	Ref. Des.	Data Element	Name		Attributes	
	N102	93	**Name**		X	AN 1/35

Free-form name

This information will come from the original transaction set if present.

	Ref. Des.	Data Element	Name		Attributes	
Must Use	N103	66	**Identification Code Qualifier**		X	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

Use of this data element is required.

ZZ	Mutually Defined

Indicates that the data in the N104 element will be

an Agency Location Code.

Must Use	**N104**	**67**	**Identification Code**	**X**	**AN 2/20**

Code identifying a party or other code

1. The 8 digit Agency Location Code assigned by Treasury.
2. Use of this data element is required.

N/U	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**

Code describing entity relationship

N/U	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

Segment:	**REF** Reference Numbers
Position:	070
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*1. To provide OPAC DO Symbol reference number.*
	2. Use this segment when N101 code is II, PR, or IU.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	REF01	128	Reference Number Qualifier	M	ID 2/2

Code qualifying the Reference Number.

DX   Department/Agency Number

Use to indicate the OPAC DO Symbol.

Must Use	REF02	127	Reference Number	X	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. The OPAC DO Symbol of the originator of the original transaction set.

2. Use of this data element is required.

N/U	REF03	352	Description	X	AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**PER** Administrative Communications Contact
Position:	080
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*Information contained in this segment will refer to Treasury contact and telephone number. The PER segment will only be part of the N1 loop when N101 = II, PR, or IU.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PER01	366	**Contact Function Code**	M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			IC Information Contact		
Must Use	PER02	93	**Name**	O	AN 1/35
			Free-form name		
			Use of this data element is required.		
Must Use	PER03	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
			Use of this data element is required.		
			TE Telephone		
Must Use	PER04	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		
			Use of this data element is required.		
N/U	PER05	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
N/U	PER06	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		
N/U	PER07	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
N/U	PER08	364	**Communication Number**	X	AN 1/80

Complete communications number including country or area code when applicable

N/U   **PER09**   **443**   **Contact Inquiry Reference**   **O   AN 1/20**

Additional reference number or description to clarify a contact number

Segment:	**OTI** Original Transaction Identification	
Position:	010	
Loop:	OTI	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	

Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

Syntax Notes: 1 If OTI09 is present, then OTI08 is required.

Semantic Notes: 1 OTI06 is the group date.

2 OTI07 is the group time.

3 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.

Comments: 1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.

2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.

3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	OTI01	110	**Application Acknowledgment Code**	M	ID 1/2

Code indicating the application system edit results of the business data

GR	Functional Group Reject	
TA	Transaction Set Accept	
TR	Transaction Set Reject	

	Ref. Des.	Data Element	Name	Attributes	
Must Use	OTI02	128	**Reference Number Qualifier**	M	ID 2/2

Code qualifying the Reference Number.

OI Original Transaction Set is an 810
EM Original Transaction Set is an 820
BP Original Transaction Set is an 812

BP   Adjustment Control Number

                Identification assigned to an adjustment for future reference

                Use to indicate a response to an 812 transaction set.

EM   Electronic Payment Reference Number

                Use to indicate a response to an 820 transaction set.

OI   Original Invoice Number

                Use to indicate a response to an 810 transaction set.

	Ref. Des.	Data Element	Name	Attributes	
Must Use	OTI03	127	**Reference Number**	M	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. If OT102 is code OI, use data from BIG02 of Orig 810.
2. If OT102 is code EM, use data from TRN02 of Orig 820.
3. If OT102 is code BP, use data from BCD02 of Orig 812.

| N/U | OTI04 | 142 | **Application Sender's Code** | O | **AN 2/15** |

Code identifying party sending transmission; codes agreed to by trading partners

| N/U | OTI05 | 124 | **Application Receiver's Code** | O | **AN 2/15** |

Code identifying party receiving transmission. Codes agreed to by trading partners

| N/U | OTI06 | 373 | **Date** | O | **DT 6/6** |

Date (YYMMDD)

| N/U | OTI07 | 337 | **Time** | O | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Must Use | OTI08 | 28 | **Group Control Number** | X | **N0 1/9** |

Assigned number originated and maintained by the sender

1. GS06 data from original transaction set.
2. Use of this data element is required.

| Must Use | OTI09 | 329 | **Transaction Set Control Number** | O | **AN 4/9** |

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

1. ST02 data from the original transaction set.
2. Use of this data element is required.

| N/U | OTI10 | 143 | **Transaction Set Identifier Code** | O | **ID 3/3** |

Code uniquely identifying a Transaction Set

| N/U | OTI11 | 480 | **Version / Release / Industry Identifier Code** | O | **AN 1/12** |

Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

Segment:	**REF** Reference Numbers		
Position:	020		
Loop:	OTI		
Level:	Detail		
Usage:	Optional		
Max Use:	12		
Purpose:	To specify identifying numbers.		
Syntax Notes:	1 At least one of REF02 or REF03 is required.		
Semantic Notes:			
Comments:			
Notes:	*This segment is used only when referring to an accepted 810, 812, or 820.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2

Code qualifying the Reference Number.

1. Code ZZ indicates OPAC document reference number from either an 810 or 820.
2. Code VV indicates OPAC voucher number from an 812.

	O7	On-line Procurement and Accounting Control (OPAC) Transaction	
	VV	Voucher	

	Ref. Des.	Data Element	Name	Attributes
	REF02	127	Reference Number	X AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. All accepted transactions will contain the OPAC document reference number. This element will not be used for rejected transactions.

	Ref. Des.	Data Element	Name	Attributes
N/U	REF03	352	Description	X AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**DTM** Date/Time Reference	
Position:	030	
Loop:	OTI	
Level:	Detail	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	**1** At least one of DTM02 DTM03 or DTM06 is required.	
	2 If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*This segment is used only when referring to an accepted 810, 812, or 820.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			For accepted transactions OPAC will provide the accounting and accomplished dates and time in this segment.		
			009 Process		
Must Use	DTM02	373	**Date**	X	DT 6/6
			Date (YYMMDD)		
			Use of this data element is required.		
Must Use	DTM03	337	**Time**	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
			Use of this data element is required.		
N/U	DTM04	623	**Time Code**	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
Must Use	DTM05	624	**Century**	O	N0 2/2
			The first two characters in the designation of the year (CCYY)		
N/U	DTM06	1250	**Date Time Period Format Qualifier**	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
N/U	DTM07	1251	**Date Time Period**	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment: $\quad$ **AMT** Monetary Amount

Position:	050
Loop:	OTI
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To indicate the total monetary amount
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	AMT01	522	**Amount Qualifier Code**	M	ID 1/2
			Code to qualify amount		
			TT $\quad$ Total Transaction Amount		
Must Use	AMT02	782	**Monetary Amount**	M	R 1/15
			Monetary amount		

1. If the original transaction set was an 810 the data from TDS01 will appear here.
2. If the original transaction set was an 820 the data from BPR02 will appear here.
3. If the original transaction set was an 812 the data from BCD04 will appear here.

	Ref. Des.	Data Element	Name	Attributes	
N/U	AMT03	478	**Credit/Debit Flag Code**	O	ID 1/1
			Code indicating whether amount is a credit or debit		

Segment:	**TED** Technical Error Description	
Position:	070	
Loop:	TED	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify the error and, if feasible, the erroneous segment, or data element, or both	
Syntax Notes:		
Semantic Notes:		
Comments:	1 If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).	
Notes:	*This segment is used only when referring to a rejected 810, 812, or 820.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	TED01	647	**Application Error Condition Code**	M	ID 1/3
			Code indicating application error condition		
			ZZZ Mutually Defined		
Must Use	TED02	3	**Free Form Message**	O	AN 1/60
			Free-form text		
	TED03	721	**Segment ID Code**	O	ID 2/3
			Code defining the segment ID of the data segment in error (See Appendix A - Number 77)		
	TED04	719	**Segment Position in Transaction Set**	O	N0 1/6
			The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1		
	TED05	722	**Element Position in Segment**	O	N0 1/2
			This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID		
	TED06	725	**Data Element Reference Number**	O	N0 1/4
			Reference number used to locate the data element in the Data Element Dictionary		
	TED07	724	**Copy of Bad Data Element**	O	AN 1/99
			This is a copy of the data element in error		
	TED08	961	**Data Element New Content**	O	AN 1/99
			New data which has replaced erroneous data		

Segment:	**NTE** Note/Special Instruction	
Position:	080	
Loop:	TED	
Level:	Detail	
Usage:	Optional	
Max Use:	100	
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction	
Syntax Notes:		
Semantic Notes:		
Comments:	1	The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.
Notes:	*The NTE segment is listed for future use.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	NTE01	363	**Note Reference Code**	O	ID 3/3
			Code identifying the functional area or purpose for which the note applies		
			Use of this data element is required.		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Must Use	NTE02	352	**Description**	M	AN 1/80
			A free-form description to clarify the related data elements and their content		

	Segment:	**SE** Transaction Set Trailer
	Position:	090
	Loop:	
	Level:	Detail
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
	Syntax Notes:	
	Semantic Notes:	
	Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	